Menumaster®

Commercial Microwave Oven Owner's Manual

CSNAC8*
SNAC8*

* Additional alphanumeric characters representing other models in the series may follow each model number.

Keep these instructions for future reference. If oven changes ownership, be sure this manual accompanies oven.

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Model Identification

Complete enclosed registration card and promptly return. If registration card is missing, call Consumer Affairs Department at 1-800-843-0304 inside U.S.A. 1-319-622-5511 outside U.S.A.

When contacting Amana Refrigeration, Inc., provide product information. Product information is located on equipment serial plate. Record following information:

Model Number: _____
Manufacturing Number: _____
Serial or S/N Number: _____
Date of purchase: _____
Dealer's name and address:
_____
_____
_____

Keep a copy of sales receipt for future reference or in case warranty service is required.

Any questions or to locate an authorized servicer, call 1-800-843-0304 inside U.S.A. 1-319-622-5511 outside U.S.A. If an automated telephone system is reached, select *Commercial Microwave Ovens* category. Warranty service must be performed by an authorized servicer. Amana Refrigeration, Inc. also recommends contacting an authorized servicer if service is required after warranty expires.

Microwave Power

Models CSNAC8* and SNAC8* deliver 800 watts of cooking power to oven cavity.

* Additional alphanumeric characters representing other models in the series may follow each model number.

IMPORTANT SAFETY INSTRUCTIONS

Recognize this symbol as a SAFETY message

Warning

WHEN USING ELECTRICAL EQUIPMENT, BASIC SAFETY PRECAUTIONS SHOULD BE FOLLOWED TO REDUCE THE RISK OF BURNS, ELECTRICAL SHOCK, FIRE, INJURY TO PERSONS, OR EXPOSURE TO EXCESSIVE MICROWAVE ENERGY:

1. **READ** all instructions before using equipment.
2. **READ AND FOLLOW** the specific **"PRECAUTIONS TO AVOID POSSIBLE EXPOSURE TO EXCESSIVE MICROWAVE ENERGY"** on page 4.
3. This equipment **MUST BE GROUNDED**. Connect only to properly grounded outlet. See **"GROUNDING INSTRUCTIONS"** on page 5.
4. Install or locate this equipment **ONLY** in accordance with the installation instructions in this manual.
5. Some products such as whole eggs and sealed containers–for example, closed glass jars–may explode and **SHOULD NOT** be **HEATED** in this oven.
6. Use this equipment **ONLY** for its intended use as described in this manual. Do not use corrosive chemicals or vapors in this equipment. This type of oven is specifically designed to heat or cook. It is not designed for industrial or laboratory use.
7. As with any equipment, **CLOSE SUPERVISION** is necessary when used by **CHILDREN**.
8. **DO NOT** operate this equipment if it has a damaged cord or plug, if it is not working properly, or if it has been damaged or dropped.
9. This equipment, including power cord, must be serviced **ONLY** by qualified service personnel. Special tools are required to service equipment. Contact nearest authorized service facility for examination, repair, or adjustment.
10. **DO NOT** cover or block filter or other openings on equipment.
11. **DO NOT** store this equipment outdoors. **DO NOT** use this product near water–for example, near a kitchen sink, in a wet basement, or near a swimming pool, and the like.
12. **DO NOT** immerse cord or plug in water.
13. Keep cord **AWAY** from **HEATED** surfaces.
14. **DO NOT** let cord hang over edge of table or counter.
15. See door cleaning instructions in *Care and Cleaning* section of manual on page 10.
16. **For commercial use only.**

Caution

TO REDUCE THE RISK OF FIRE IN THE OVEN CAVITY:

a. **DO NOT** overcook food. Carefully attend equipment if paper, plastic, or other combustible materials are placed inside the oven to facilitate cooking.

b. Remove wire twist-ties from paper or plastic bags before placing bag in oven.

c. **KEEP** oven **DOOR CLOSED**, turn oven off, and disconnect the power cord, or shut off power at the fuse or circuit breaker panel, if materials inside the oven should ignite. Fire may spread if door is opened.

d. **DO NOT** use the cavity for storage. **DO NOT** leave paper products, cooking utensils, or food in the cavity when not in use.

SAVE THESE INSTRUCTIONS

IMPORTANT SAFETY INSTRUCTIONS

Caution

TO AVOID PERSONAL INJURY OR PROPERTY DAMAGE, OBSERVE THE FOLLOWING:

1. Briskly stir or pour liquids before heating with microwave energy to prevent spontaneous boiling or eruption. Do not overheat. If air is not mixed into a liquid, liquid can erupt in oven or after removal from oven.
2. Do not deep fat fry in oven. Fat could overheat and be hazardous to handle.
3. Do not cook or reheat eggs in shell or with an unbroken yolk using microwave energy. Pressure may build up and erupt. Pierce yolk with fork or knife before cooking.
4. Pierce skin of potatoes, tomatoes, and similar foods before cooking with microwave energy. When skin is pierced, steam escapes evenly.
5. Pop popcorn in microwave mode only. If oven is preheated or hot, allow oven to cool before popping popcorn or bag may ignite.
6. Use only popcorn in packages designed and labeled for microwave use. Popping time varies depending on oven wattage. Do not continue to heat after popping has stopped. Popcorn will scorch or burn. Do not leave oven unattended.
7. Do not use regular cooking thermometers in oven. Most cooking thermometers contain mercury and may cause an electrical arc, malfunction, or damage to oven.
8. Do not heat baby bottles in oven.
9. Do not use metal utensils in oven except when recommended by microwave food manufacturers.
10. Never use paper, plastic, or other combustible materials that are not intended for cooking.
11. When cooking with paper, plastic, or other combustible materials, follow manufacturer's recommendations on product use.
12. Do not use paper towels which contain nylon or other synthetic fibers. Heated synthetics could melt and cause paper to ignite.
13. Do not heat sealed containers or plastic bags in oven. Food or liquid could expand quickly and cause container or bag to break. Pierce or open container or bag before heating.

PRECAUTIONS TO AVOID POSSIBLE EXPOSURE TO EXCESSIVE MICROWAVE ENERGY

a. **DO NOT** attempt to operate this oven with the door open since open-door operation can result in harmful exposure to microwave energy. It is important not to defeat or tamper with the safety interlocks.

b. **DO NOT** place any object between the oven front face and the door or allow soil or cleaner residue to accumulate on sealing surfaces.

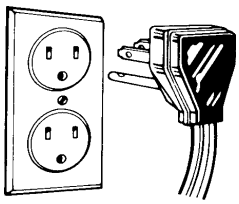
c. **DO NOT** operate the oven if it is damaged. It is particularly important that the oven door close properly and that there is no damage to the: (1) door (bent), (2) hinges and latches (broken or loosened), (3) door seals and sealing surfaces.

d. The oven should **NOT** be adjusted or repaired by anyone except properly qualified service personnel.

SAVE THESE INSTRUCTIONS

GROUNDING INSTRUCTIONS

DO NOT UNDER ANY CIRCUMSTANCES CUT OR REMOVE THE ROUND GROUNDING PRONG FROM THE PLUG OR BEND THE POWER PRONGS TO FIT A RECEPTACLE OTHER THAN THE ONE SHOWN FOR YOUR OVEN. SUCH ABUSE OF THE PLUG CAN RESULT IN ELECTRICAL SHOCKS OR OVERHEATING.



120V-15AMP

⚠ WARNING

IMPROPER USE OF THE GROUNDING PLUG CAN RESULT IN A RISK OF ELECTRIC SHOCK OR DEATH.

This appliance **MUST** be grounded. In the event of an electrical short circuit, grounding reduces the risk of electric shock by providing an escape wire for the electric current. This appliance is equipped with a cord having a grounding wire with a grounding plug. The plug must be plugged into an outlet that is properly installed and grounded. **DO NOT** use a two-prong adapter.

Consult a qualified electrician or serviceman if the grounding instructions are not completely understood, or if doubt exists as to whether the appliance is properly grounded.

Do not use an extension cord. If the product power cord is too short, have a qualified electrician install a three-slot receptacle. This oven should be plugged into a separate 60 hertz circuit with the electrical rating as shown in the appropriate drawing at left. When a microwave oven is on a circuit with other appliances, an increase in cooking times may be required and fuses can be blown.

Unpacking Equipment

- Inspect equipment for damage such as dents in door or dents inside oven cavity.
- Report any dents or breakage to source of purchase immediately. Do not attempt to use equipment if damaged.
- Remove all materials from oven interior.
- If equipment has been stored in extremely cold area, wait a few hours before connecting power.

Equipment Placement

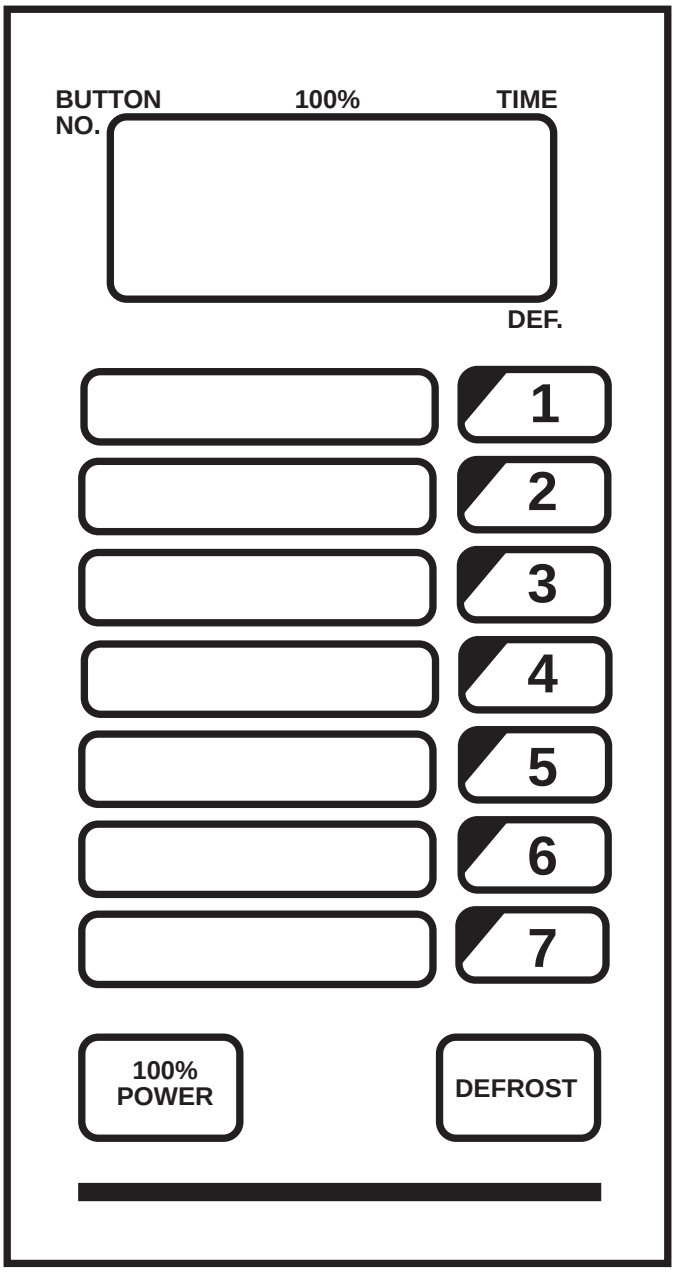
- Do not install equipment next to or above source of heat, such as pizza oven or deep fat fryer. This could cause microwave oven to operate improperly and could shorten life of electrical parts.
- Allow air flow around oven. Air flows around electric components. Oven requires at least 1 inch of clearance at top and sides of equipment to provide proper ventilation. With restricted air flow oven may not operate properly and life of electrical parts is reduced.
- Do not block or obstruct oven filter. Allow access for cleaning.

Radio Interference

Microwave oven operation may cause interference to radio, television, or similar equipment. Reduce or eliminate interference by doing the following:

- Clean door and sealing surfaces of oven according to instructions in *Care and Cleaning* section.
- Place radio, television, etc. as far as possible from oven.
- Use a properly installed antenna on radio, television, etc. to obtain stronger signal reception.

Operation



Cooking/Defrosting with Preset Pads

1. Open oven door, place food in oven, and close door.
   - Fan turns on.
2. Press desired number pad. Oven operates according to programming.
   - If pad is pressed and signal is heard, but no numbers appear in display, door is not completely latched.
   - If pad is pressed and colon illuminates, but oven does not operate, pad is programmed for zero time.
3. When time elapses, signal sounds, and “DONE” displays.
   - Remove food from oven.
   - Oven is ready for next heating cycle.
   - If no pads are pressed oven blower shuts down in 60 seconds.

Interrupt or Canceling Cooking/Defrosting

- Open and close oven door to cancel error or interrupt cooking cycle. When cooking cycle is interrupted, time erases.
- If door is open while oven is defrosting, defrost cycle pauses until oven door is closed. Time is not erased.
- To erase defrost time, close door, press pad programmed for 100 percent power, and open door.

Factory Preset Times and Power Levels

Pad 1	15 seconds	100%
Pad 2	30 seconds	100%
Pad 3	45 seconds	100%
Pad 4	1 minute	100%
Pad 5	1 minute 30 seconds	100%
Pad 6	2 minutes	100%
Pad 7	2 minutes 30 seconds	100%

Programming

One or Two-Stage Cooking/Defrosting (6,1,4)

Program pads to heat food up to 39 minutes 59 seconds at 100 percent power or defrost power level.

1. Open oven door.
2. Press *6, 1,* and *4* pad to enter programming mode.
3. Close oven door.
   - "PROG" displays indicating programming mode.
4. Press number pad to be reprogrammed.
   - Oven shows pad number, heating time and Cook/Defrost indicator in display.
5. Enter required time:

	Display Reads
Press pad *1* to change seconds	"00:01"
Press pad *2* to change tens of seconds	"00:10"
Press pad *3* to change minutes	"01:00"
Press pad *4* to change tens of minutes	"10:00"

6. Press *DEFROST* or *100% POWER* pad for desired power level.
   - "V" appears over "DEF." or inverted "V" under "100%" to indicate power level.
7. Press *5* pad.
   - Repeat steps 5-8 to program stage 2.
   - Defrost can be programmed in first stage only.
   - Press pad *5* again if no additional stages are desired.
8. Repeat steps 4-8 to program other pads.
9. Open and close oven door to exit programming mode.

Summary of One or Two-Stage Cooking/Defrosting

1. Open door.
2. Press *6,1,4*.
3. Close door.
4. Press number to be programmed.
5. Enter desired time.
6. Press *DEFROST* or *100% POWER* pad.
7. Press *5* pad. Repeat steps 5-8 to program stage 2.
8. Press *5* pad.
9. Repeat steps 4-9 or open and close door.

Cook Count Feature (6,1,3)

Use oven for tracking operations. Timer memory totals number of heating cycles for each pad and all pads combined. Counting starts when oven begins service.

1. Open oven door.
2. Press *6, 1,* and *3* pad to enter cook count mode.
3. Close oven door.
   - Oven displays "COUNT" and total number of heating cycles for all pads combined.
4. To obtain count for individual pad, press desired pad.
5. To exit cook count mode open and close oven door.
   - If door is not opened, oven exits cook count mode in 60 seconds.

Changing Signal Volume (6,1,6)

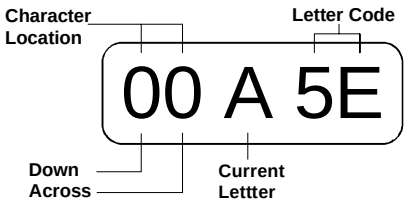
Four volume settings are available for end of cycle signal.

1. Open oven door.
2. Press *6, 1,* and *6* pad to enter programming mode.
3. Close door. Volume setting displays.
4. Press pad for desired volume.
   1—off
   2—low
   3—medium
   4—high.
5. To exit programming mode open and close oven door.

Scrolling Message (6,1,5)

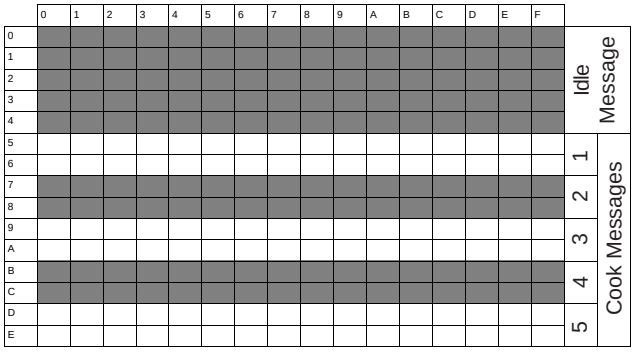
Program messages to display when oven is idle or during cook cycles more than 20 seconds long. Messages that display during cook cycles alternate each cooking cycle.

1. Open oven door. Leave door open.
2. Press *6,1,* and *5* pad to enter scroll programming mode.
3. Close oven door. Five characters display.



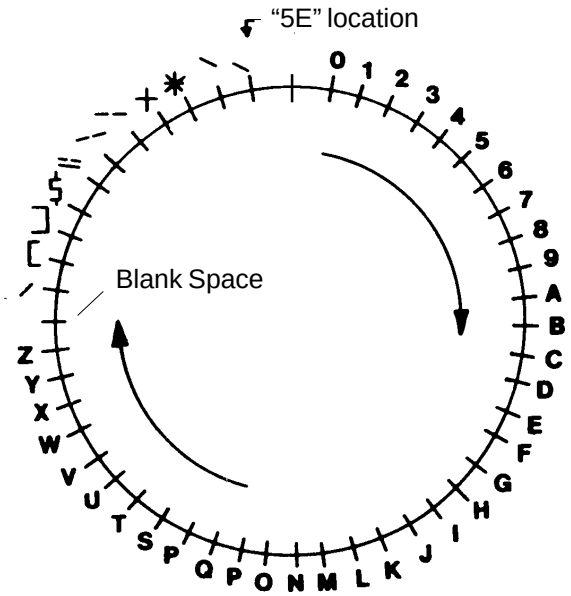
Determine where message begins. See table below.

- Idle message begins at 0,0 and ends at 4,F.
- First cook message begins at 5,0 and ends at 6,F.
- Second cook message begins at 7,0 and ends at 8,F.
- Third cook message begins at 9,0 and ends at A,F.
- Fourth cook message begins at B,0 and ends at C,F.
- Fifth cook message begins at D,0 and ends at E,F.



4. Set location of first letter.
   a. Press pad *3* to advance horizontally to desired column for character location.
   b. Press pad *4* to advance vertically to desired row location.
5. Select letter.
   a. Press *1* pad to advance current letter or number.
   b. Press *2* pad to advance 8 characters at a time.

Letters scroll in the following order:



6. Press *3* pad to advance to next character location.
7. Repeat steps 5 and 6 to enter remaining characters into message.
8. Press *3* pad after message is entered. If "5E" displays as letter code, message is complete
   If "5E" does not display as letter code, advance letters until "5E" displays.
9. Open and close oven door to exit scroll programming mode.

Canceling Scrolling message

1. Follow steps 1-4 in *Scrolling Message* section.
2. Set coordinates to first letter of message.
3. Advance letters until "5E" displays as letter code.
4. Open and close oven door to exit scroll programming mode.

Clearing Display of Random Digits

If incorrect numbers are pressed during programming mode, random digits and letters may display during cooking and standby periods. To clear display:

1. Open oven door.
2. Press *6*, *1*, and *5* pad.
3. Close oven door.
4. Press *1* pad until "5E" displays.
5. Open and close oven door to exit.

Utensils

Microwave-safe

- Non-recycled paper
- Glass or ceramic
- Plastic
- Wood
- Shells
- Natural fiber cloth

Not Microwave-safe

- Recycled paper
- Metal
- Newspapers
- Grocery bags
- Aluminum foil
- Metallic trimmed china
- Lead crystal

Utensil Check Test

Use following test to check if utensils are microwave-safe.

1. Place glass measuring cup of water next to empty dish to be tested in unit.
2. Heat on full power for one minute.
3. Check temperature of tested dish.
   - If dish remains cool and water is hot, dish is microwave-safe.
   - If dish is slightly warm, use for short term cooking only.
   - If dish is hot and water is cool, do not use. Dish remains cool if not absorbing microwaves and microwaves are being absorbed by water. Dish becomes hot if absorbing microwaves.

Care and Cleaning

Oven Light

Caution

To avoid electrical shock hazard unplug power cord or open circuit breaker to microwave oven before replacing light bulb. After replacing light bulb, reconnect power.

Tools

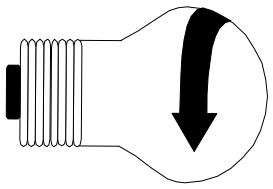
- Protective gloves
- Phillips screwdriver

Caution

Wear gloves to protect hands should bulb break. If hot, allow bulb to cool.

To change oven light:

1. Disconnect power supply to oven.
2. Remove screw from and open cover on access door on back of oven.
3. Remove bulb by turning counterclockwise, being careful not to burn fingers or break bulb.
   - Replace bulb with 15 watt, 120 volt candelabra base bulb.



4. Close access door and replace access screw.
5. Plug in oven.

Clean oven frequently to maximize oven life, performance, and efficiency. A dirty oven cooks inefficiently because moisture, spills, and grease absorb microwave energy.

Interior, Exterior, and Door

Clean microwave oven with mild detergent in warm water using soft sponge or cloth. Wring sponge or cloth to remove excess water before wiping equipment. If desired, boil a cup of water in microwave oven to loosen soil before cleaning.

- Do not use abrasive cleansers or cleaners containing ammonia. These could damage finish.
- Never pour water into microwave oven bottom.
- Do not use water pressure type cleaning systems.

Splatter Shield

Splatter shield keeps top of microwave oven cavity and antenna from becoming soiled. Clean soil from shield with damp cloth or clean with mild detergent and water.

If oven does not operate

- Confirm oven is plugged into dedicated circuit.
- Confirm oven is on grounded and polarized circuit. (Contact electrician to confirm)
- Check fuse or circuit breaker.

If oven light does not work

- Confirm light bulb is screwed in tightly.
- Confirm light bulb is not defective.

If oven operates intermittently

- Check filter inlet and discharge areas for obstructions.

If oven malfunctions

- Unplug oven, wait for 1 minute, and plug in oven.

If oven operates, but will not heat food

- Place one cup cool water in oven. Heat for one minute. If water temperature does not rise, oven is operating incorrectly.

Warning

To avoid electrical shock which can cause severe personal injury or death, do not remove outer case at any time. Only authorized servicer should remove outer case.

Warranty

MENUMASTER® COMMERCIAL MICROWAVE OVEN

FULL ONE YEAR WARRANTY
LIMITED THREE YEAR WARRANTY

Amana Appliances warrants this product when the original purchaser uses the oven for commercial food service preparation.

FIRST YEAR

Amana Appliances will repair or replace, including related labor and travel, any part (F.O.B. Amana, Iowa) which proves to be defective as to workmanship or materials.

SECOND AND THIRD YEAR

Amana Appliances will provide replacement a magnetron tube, part only (F.O.B. Amana, Iowa), which proves defective as to workmanship or materials.

OWNER'S RESPONSIBILITIES:

- Provide any defective part to an authorized Menumaster® servicer.
- Provide proof of purchase.
- Provide normal care and maintenance, including cleaning as instructed in owner's manual.
- Replace owner replaceable items where directions appear in the owner's manual.
- Make product accessible for service.
- Pay for premium service costs for service outside servicer's normal business hours.
- Pay for service calls related to product installation and customer education.
- Pay for servicer's labor and travel expenses under limited warranty provisions.

ITEMS NOT COVERED:

- Normal product maintenance and cleaning.
- Lost or broken air filters.
- Light bulbs.
- Lost or broken grease shields or knobs.
- Damages which occur in shipment.
- Broken ceramic shelves.
- General rebuilding or refurbishing that is not a legitimate warranty repair.
- Failures caused by:
  - Unauthorized service.
  - Grease or other material buildup due to improper cleaning or maintenance.
  - Accidental or intentional damage.
  - Connection to an improper power supply.
  - Acts of God.
  - Operating an empty oven.
  - Use of improper pans, containers, or accessories that causes damage to the product.

WARRANTY LIMITATIONS:

- Begins at date of original purchase.
- Applies to product used for NORMAL commercial food preparation.
- Applies to product used within the United States or in Canada if product has appropriate agency listing when shipped from the factory.
- Service must be performed by an authorized Menumaster® servicer.
- Adjustments covered during first year only.

WARRANTY IS VOID IF:

- Serial plate is defaced.
- Product is altered by user.
- Product is not installed or used according to manufacturer's instructions.

IN NO EVENT SHALL AMANA APPLIANCES BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES*

*This warranty gives you specific legal rights and you may have others which vary from state to state. For example, some states do not allow the exclusion or limitation of incidental or consequential damages so this exclusion may not apply to you.

For answers to questions regarding the above or to locate an authorized Menumaster® servicer, contact:

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USA
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